Minutes from TRECVid 2009 Event Detection Planning Telecon
February 19, 2009

Attendees:
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Topics:
Task overview, events overview & discussion, data overview & discussion, schedule

Next telecon:
Thursday, February 26 at 11:00 am Eastern Time.

Task overview:
Given a set of videos and training annotations for events, localize the events in a set of test videos. Output the interval, a confidence score, and a Yes/No decision indicating whether the event occurred. (Same as 2008).

Events:

Required and optional events are defined in the TrecVid 2008 Event Annotation Guidelines:
http://www.nist.gov/speech/tests/trecvid/2008/doc/TRECVid08_Guidelines_v1.6.pdf

The required event set is as follows:
PersonRuns,
CellToEar,
ObjectPut,
PeopleMeet,
PeopleSplitUp,
Embrace,
Pointing,
ElevatorNoEntry,
OpposingFlow,
and TakePicture.

One proposal is to **drop** ElevatorNoEntry and TakePicture (too few instances). Possibly replace the dropped events with optional events, such as ObjectGet and VestAppears.

Alternatively, we may wish to **keep** ElevatorNoEntry and TakePicture because they are interesting and present certain challenges to machine learning approaches (i.e., how to do recognition given sparse training data?).

Action item: poll the email list to come to a final decision.

Data:

From 2008:
~100 camera hours of surveillance video from Gatwick Airport (divided into train/test)
10 days of collection
50 sequences, mostly around 2 hours
Downloadable from internet mirrors, or via hard drive.

New Data: iLIDS "MCTTR" (multiple camera tracking training set)
107 sets of 5-camera excerpts from Gatwick Airport (535 clips).
Range from 1.5-20 minutes, average is around 5-6 minutes per clip.
Similar traffic patterns.
Distributed by UK Home Office.

The new data is proposed for use as the 2009 evaluation (test) set.

Action item: poll the email list to find out how/whether researchers have used the MCTTR data.

Plan to release both the development and test annotations from 2008 on the Web (password protected site). Please don't use them until the exact train/test partitioning has been decided.

Schedule:
The draft schedule (below) was discussed. Plan to re-visit this topic in the next call.

Jan.--Mar.: Event detection planning & telecons
Feb.: Call for participation in TRECVid
Mar.: Development and Evaluation data specified
Mar.: Release of video data, required event definitions, and examples
Mar.: Final evaluation plan & guidelines written
Mar.: Release scoring tool
Mar.: Development annotations for required events released
June 15 -- July 1: Dry run (systems run on Dev data)
Sep. 23: Obtain submissions for formal evaluation
Oct. 7: Distribute results
Oct. 26: Notebook papers due at NIST
Nov. 16-17: Present results at TRECVid